Index of Claims

Applicant(s)/Patent under Reexamination

10/826,817

Examiner

FITZGERALD ET AL.

Art Unit

John A. Ward

2875

✓ Rejected= Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|              |  | _  |                |          |                  |          |              |          |          | _            |
|--------------|--|--|----------------|----------|------------------|----------|--------------|----------|----------|--------------|
| Claim        |  | <u> </u>   |                |          | _[               | Date     | -            |          | -        |              |
| Final        | Original                                     | 10/26/05   |                |          |                  |          |              |          |          |              |
|              | 1  | V  |                |          |                  |          |              |          |          |              |
|              | 2  | ٧  |                |          |                  |          |              |          |          |              |
|              | 3  | ٧  |                |          |                  |          |              |          |          |              |
|              | 1<br>2<br>3<br>4<br>5                        | >>>>>  |                |          |                  |          |              |          |          |              |
|              | 5  | >  |                |          |                  |          |              |          |          |              |
|              | 6<br>7                                       | ٧  |                |          |                  |          |              |          |          |              |
|              |  | ٧  |                |          |                  |          |              |          |          |              |
|              | 8  |  |                |          |                  |          | Ш            |          |          |              |
|              | 9  |  |                |          |                  |          |              |          |          | _            |
|              | 10   |  |                |          |                  |          |              |          |          |              |
|              | 11   |  |                |          |                  |          | _            |          |          |              |
| L            | 12   | $\vdash$   | <u> </u>       | _        |                  | Ш        | Щ            |          | <u> </u> |              |
|              | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 |  | $\vdash$       | _        | _                |          | Ш            | _        | <u> </u> | -            |
|              | 14   |  |                |          |                  |          |              |          |          | _            |
|              | 15   | $\vdash$   | <u> </u>       | _        | _                | _        |              |          |          |              |
|              | 16   | _  | <u> </u>       | <u> </u> |                  | <u> </u> |              |          |          | -            |
|              | 17   |  | -              | <u> </u> | _                |          | _            | _        | _        |              |
| <u> </u>     | 18   | _  | <u> </u>       | -        | <u> </u>         | _        | _            | _        | H        |              |
| <u> </u>     | 19   | ⊢  |                | <u> </u> |                  |          | _            |          | -        |              |
|              | 20   | ⊢  | <u> </u>       |          | _                |          | -            |          | -        |              |
|              | 20<br>21<br>22                               | ⊢  |                | -        |                  |          | -            |          | <u> </u> |              |
|              | 22   | -  | -              |          | _                |          |              |          | -        |              |
|              | 23<br>24<br>25                               | -  |                |          |                  |          |              | -        | ├        | <del> </del> |
| <u> </u>     | 25   | -  |                | <u> </u> | -                | ⊢        | H            |          | ├        | <del> </del> |
|              | 26   |  |                | -        |                  | $\vdash$ | ┝            |          | $\vdash$ | <del> </del> |
|              | 26<br>27                                     | <del>                                     </del> |                | -        | -                | -        | -            |          | $\vdash$ | _            |
| <del> </del> | 28   |  | -              | ┢        | $\vdash$         |          | ┢            |          | $\vdash$ | $\vdash$     |
| -            | 28<br>29                                     | 1  | -              | ┪        | $\vdash$         |          |              |          |          |              |
|              | 30   |  |                | $\vdash$ | Ь-               |          |              |          |          |              |
|              | 31   | ╁  | $\vdash$       | H        | $\vdash$         |          |              |          |          |              |
|              | 32   | ⇈  | T              |          | <u>├</u>         | $\vdash$ |              |          | _        |              |
|              | 32<br>33                                     | T  | 1              |          |                  | $\vdash$ |              |          |          |              |
|              | 34   | 1  |                |          |                  |          |              |          |          |              |
| T            | 35   |  |                |          |                  |          |              |          |          |              |
|              | 36   |  |                |          |                  |          |              |          |          |              |
|              | 37   |  |                |          |                  |          |              |          | 匚        |              |
|              | 38   |  |                |          |                  |          | 匚            |          | L_       |              |
|              | 39   |  |                | _        | $ldsymbol{oxed}$ | <u> </u> | L            | _        |          | _            |
| <u></u>      | 40   | <u> </u>   |                | L        | <u> </u>         | _        | L_           |          | <u> </u> | <u> </u>     |
|              | 41   | <u> </u>   | ļ              |          | _                | L_       | <u> </u>     | <u> </u> |          | <u> </u>     |
|              | 42   | ┞  |                | <u> </u> | <u> </u>         | <b> </b> | <u> </u>     | L        | _        | <u> </u>     |
| <u> </u>     | 43   | _  | <del>  _</del> | <b> </b> | $\vdash$         | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | <u> </u>     |
|              | 44   | <b>!</b>   | ļ              | <u> </u> | <u></u>          | <u> </u> | <u> </u>     | <u> </u> | $\vdash$ | <b> </b>     |
|              | 45   | <b> </b>   | ـــــ          | <b>⊢</b> | -                | <b>!</b> | <u> </u>     | <u> </u> | <b>-</b> | $\vdash$     |
| <u> </u>     | 46   | ₩  | ⊢              | ⊢        | <u> </u>         | $\vdash$ | <u> </u>     |          |          | -            |
|              | 47   | 1  | ├—             | ⊢        | <del> </del>     | ⊢        | <del> </del> |          | 1        | $\vdash$     |
| <u> </u>     | 48   | $\vdash$   | -              | ⊢        | -                | $\vdash$ | ├            | $\vdash$ | -        | ⊢-           |
|              | 49   | 1  | <del> </del> — | ⊢        | -                | -        | $\vdash$     | $\vdash$ | ⊢        | <b>!</b>     |
| L            | 50   | L  | _              |          | <u> </u>         | <u> </u> | L            |          |          | <u> </u>     |

| Claim    |                | Date     |          |            |            |          |                |              |              |          |  |
|----------|----------------|----------|----------|------------|------------|----------|----------------|--------------|--------------|----------|--|
|          |                |          |          |            |            |          |                |              | I            |          |  |
| Final    | Original       |          |          |            |            |          |                |              |              |          |  |
|          | 51             | $\neg$   |          |            |            |          |                |              |              |          |  |
|          | 51<br>52       |          |          |            |            | $\neg$   |                |              |              |          |  |
|          | 53             |          |          |            |            |          |                |              |              |          |  |
|          | 54             |          |          |            |            |          |                |              |              |          |  |
|          | 54<br>55       |          |          |            |            |          |                |              |              |          |  |
|          | 56             |          |          |            |            |          |                |              |              |          |  |
|          | 57             |          |          |            |            |          |                |              |              |          |  |
|          | 58             |          |          |            |            |          |                |              |              |          |  |
|          | 59             |          |          |            |            |          |                |              |              |          |  |
|          | 60             |          | _        |            |            |          |                |              | _            |          |  |
|          | 61             |          | _        | _          |            |          | _              |              |              |          |  |
|          | 62<br>63       | $\sqcup$ |          |            |            | $\Box$   | Ш              |              | _            |          |  |
| L        | 63             | L        | _        |            |            |          |                |              | $\square$    |          |  |
| <u> </u> | 64             |          |          |            |            | Щ        |                |              |              |          |  |
| <u> </u> | 65<br>66       | $\Box$   | _        |            | -          |          |                |              |              |          |  |
|          | 66             | $\Box$   |          |            |            |          |                |              |              |          |  |
|          | 67             |          | _        |            |            |          |                | _            | $\perp$      |          |  |
|          | 68             | -        | _        |            |            |          |                |              | _            |          |  |
|          | 69             | -        |          |            |            |          |                |              |              |          |  |
|          | 70             | $\dashv$ |          |            |            |          | _              |              | -            |          |  |
| <u> </u> | 70<br>71<br>72 | -        |          |            |            | _        | _              |              |              |          |  |
| <u> </u> | 72             |          | _        |            |            |          | -              |              |              | _        |  |
| ├        | 74             | -        |          |            |            | _        | -              | _            |              | _        |  |
|          | 73<br>74<br>75 |          |          |            |            | -        |                |              |              |          |  |
|          | 76             |          | _        |            |            |          | _              |              |              |          |  |
|          | 76<br>77       | -        |          |            |            | _        | _              |              |              |          |  |
|          | 78             |          |          |            |            | _        | _              |              |              | _        |  |
|          | 79             |          |          |            |            | _        |                |              |              | _        |  |
|          | 80             | Н        |          |            | $\vdash$   | $\Box$   |                |              |              |          |  |
|          | 81             |          |          |            | $\vdash$   |          |                |              |              |          |  |
|          | 81<br>82<br>83 | H        |          |            | Т          |          |                |              |              | $\Box$   |  |
|          | 83             | П        |          |            |            |          |                |              |              |          |  |
|          | 84             |          |          |            |            |          |                |              |              |          |  |
|          | 85             |          |          |            |            |          |                |              |              |          |  |
|          | 86             |          |          |            |            |          |                |              |              |          |  |
|          | 87             |          |          |            |            |          |                |              |              |          |  |
|          | 88             |          |          |            |            |          |                |              |              |          |  |
|          | 89             | Ш        |          |            |            |          |                |              | $\Box$       |          |  |
|          | 90             |          |          |            |            |          | igspace        | _            | $\Box$       | _        |  |
|          | 91             | Ш        |          | <u> </u>   | L          | L_       | <u> </u>       | _            | <u> </u>     | _        |  |
| <u></u>  | 92             | Ш        |          | <u>L</u> . |            | <u> </u> | <u> </u>       | <u> </u>     | <u> </u>     | L        |  |
| <u></u>  | 93             |          | L        | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>       | <b> </b>     |              | _        |  |
|          | 94             | <u> </u> | L.       |            | <u> </u>   | <u> </u> | _              | <u> </u>     |              | <u> </u> |  |
| <u> </u> | 95             | <u> </u> | <u> </u> | _          | <b>!</b> — | <u> </u> | <u> </u>       | ├-           | <del> </del> | <u> </u> |  |
| <u></u>  | 96             | _        | <u> </u> |            | <u> </u>   | <u> </u> | <u> </u>       |              | <u> </u>     | <u> </u> |  |
|          | 97             |          | <u> </u> |            | <u> </u>   | ├        | <del> </del> — | <del> </del> | 1            | $\vdash$ |  |
|          | 98             | ļ        | <u> </u> | _          | <u> </u>   | ├-       | <del> </del> — | <u> </u>     | <u> </u>     | L        |  |
| L        | 99             | <u></u>  | L        | <u>_</u>   | _          | <u>L</u> |                |              |              |          |  |

| Total   | Claim Date     |          |              |          |  |  |          | $\neg$       |              |          |                 |
|---|----------------|----------|--------------|----------|--|--|----------|--------------|--------------|----------|-----------------|
| 101   |                |          |              |          |  |  |          |              |              | $\neg$   |                 |
| 102   | Final          | Original |              |          |  |  |          |              |              |          |                 |
| 102   |                | 101      |              | $\neg$   |  |  |          |              |              |          | $\neg$          |
| 104   105   106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   145   144   145   145   144   145   145   144   145 |                | 102      |              | $\neg$   |  |  |          |              |              | $\neg$   | ╗               |
| 104   105   106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   145   144   145   145   144   145   145   144   145 |                | 103      |              | 一        |  |  |          |              |              | $\neg$   | ╗               |
| 108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145 | -              | 104      |              |          |  |  |          |              |              |          | ╗               |
| 108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145 |                | 105      | $\Box$       |          |  |  |          |              | $\neg$       |          |                 |
| 108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145 | -              | 106      | $\Box$       |          |  |  | _        |              |              |          |                 |
| 108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145 |                | 107      |              | _        |  |  |          |              |              |          |                 |
| 109   |                | 108      |              |          |  |  |          |              |              |          |                 |
| 110       111         111       112         113       114         115       116         117       118         119       120         121       122         123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       145   |                | 109      |              |          |  | _  |          |              |              | T        |                 |
| 112       113         114       115         116       117         118       119         120       121         121       122         123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       145   |                | 110      |              |          |  |  |          |              |              |          |                 |
| 112       113         114       115         116       117         118       119         120       121         121       122         123       124         125       126         127       128         129       130         131       132         133       134         135       136         137       138         139       140         141       142         143       144         145       145   |                | 111      |              |          |  |  |          |              |              |          |                 |
| 113       114         115       116         117       118         119       120         121       122         122       123         124       125         126       127         128       129         130       131         132       133         134       135         136       137         138       139         140       141         143       144         145       145   |                | 112      |              |          |  |  |          |              |              |          |                 |
| 117 118 119 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145   |                | 113      |              |          |  |  |          |              |              |          |                 |
| 117 118 119 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145   |                | 114      |              |          |  |  |          |              |              |          |                 |
| 117 118 119 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145   |                | 115      |              |          |  |  |          |              |              |          |                 |
| 117 118 119 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145   |                | 116      |              |          |  |  |          |              |              |          |                 |
| 120   |                | 11/      |              |          |  |  |          |              |              |          |                 |
| 120   |                | 118      |              |          |  |  |          |              |              |          |                 |
| 120   |                | 119      |              |          |  |  |          |              |              |          |                 |
| 123   |                | 120      |              |          |  |  |          |              |              |          | Ш               |
| 123   |                | 121      |              |          |  | _  |          |              |              |          |                 |
| 123   |                | 122      | Ш            |          |  |  |          |              |              |          |                 |
| 126   |                | 123      |              |          |  |  | _        |              | $oxed{oxed}$ |          | $\dashv$        |
| 126   |                | 124      |              |          |  |  | <u> </u> |              | _            |          |                 |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145  |                | 125      | Н            |          | $oxed{oxed}$                                     |  | <u> </u> | ļ.,          | ļ            |          |                 |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145  |                | 126      |              |          | _  |  | _        | _            | _            |          |                 |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145  | <u> </u>       | 127      |              | Ш        | _  | _  |          | -            | H            |          |                 |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145  |                | 128      | $\vdash$     | _        |  |  | <u> </u> | <u> </u>     |              |          | _               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145  |                | 129      | _            |          |  | -  | -        | -            | -            |          | $\dashv$        |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145  |                | 130      |              |          |  | <u> </u>   | ⊢        | ⊢            | -            |          | $\dashv$        |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145  |                | 131      |              | <u> </u> | -  | -  | _        | $\vdash$     | -            | -        | $\vdash$        |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145  |                | 132      |              | ⊢        |  | <del> </del> -                                   | -        | ⊢            | H            | -        | $\vdash$        |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145  | -              | 133      | H            | $\vdash$ | -  | $\vdash$   | ├-       | -            | $\vdash$     | $\vdash$ | $\vdash \vdash$ |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145  | <del></del>    | 135      | <del> </del> | $\vdash$ |  |  | $\vdash$ | <del> </del> | $\vdash$     | ├        | $\vdash$        |
| 137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145   | $\vdash$       | 136      | -            | _        | -  | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ |                 |
| 139<br>140<br>141<br>142<br>143<br>144<br>145   | <del> </del> - | 137      | $\vdash$     | $\vdash$ | ┢  | $\vdash$   |          | $\vdash$     | $\vdash$     | -        | -               |
| 139<br>140<br>141<br>142<br>143<br>144<br>145   | -              | 138      | $\vdash$     | $\vdash$ | -  | <del>                                     </del> | $\vdash$ |              |              | -        | $\vdash \vdash$ |
| 140<br>141<br>142<br>143<br>144<br>145  | <b></b>        | 139      |              |          | <del>                                     </del> | $\vdash$   | $\vdash$ | Н            | $\vdash$     | $\vdash$ | $\vdash$        |
| 141 142 143 144 145 145 145 145 141 145 141 145 141 141   |                | 140      | Н            | -        | <u> </u>   |  | T        |              | Н            |          | Н               |
| 142<br>143<br>144<br>145  |                |          | Τ-           | $\vdash$ | T  |  |          | f            | Г            |          | П               |
| 143 144 145 145 145 145 145 145 145 145 145   | _              | 142      | Г            | Ι_       |  |  |          | t            | Г            |          | П               |
| 144 145 145 145 145 145 145 145 145 145   |                | 143      |              | Г        |  | 1  |          | $\vdash$     | T            |          | П               |
| 145   |                |          |              |          |  |  |          |              |              |          | П               |
|   |                |          | Γ            | Τ        |  |  |          |              |              |          |                 |
| 146   |                | 146      |              |          |  |  |          |              |              | Ľ.       |                 |
| 147   |                | 147      |              |          |  |  | $\Box$   |              |              |          |                 |
| 148   |                | 148      |              |          | L  |  |          |              |              |          |                 |
| 149   |                | 149      | L            |          |  |  |          |              |              |          |                 |
| 150   |                |          |              |          |  |  |          |              |              |          |                 |